10/752,793

```
=> file biosis

=> s (carlone, m?)/au
L1           14 (CARLONE, M?)/AU

=> s (noble, s?)/au
L2          256 (NOBLE, S?)/AU

=> s l1 or l2
L3          269 L1 OR L2

=> s (corn or maize or zea)/ab,bi

L4       115903 (CORN OR MAIZE OR ZEA)/AB,BI

=> s l3 and l4
L5           21 L3 AND L4

=> file agricola

=> s l5
L6            5 L3 AND L4

=> dup rem
L7           23 DUP REM L5 L6 (3 DUPLICATES REMOVED)

=> d l7 1-23 ti py

L7   ANSWER 1 OF 23  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on
     STN
TI   Inbred   ***maize***   line PH581.
PY   2004

L7   ANSWER 2 OF 23  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on
     STN
TI   Hybrid   ***maize***   plant and seed.
PY   2001

L7   ANSWER 3 OF 23  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on
     STN
TI   Hybrid   ***maize***   plant and seed 33P66.
PY   2001

L7   ANSWER 4 OF 23  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on
     STN
TI   Inbred   ***maize***   line PH2MW.
PY   2000

L7   ANSWER 5 OF 23  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on
     STN
TI   Inbred   ***maize***   line PH1EM.
PY   2000

L7   ANSWER 6 OF 23  AGRICOLA  Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America.  It contains copyrighted materials.  All rights reserved.
     (2004) on STN
TI   Development of a   ***maize***   breakage test method using a commercial
     food processor.
PY   2000

L7   ANSWER 7 OF 23  AGRICOLA  Compiled and distributed by the National
```

Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
TI Effects of drying air temperature and humidity on stress cracks and breakage of ***maize*** kernels.
PY 2000

L7 ANSWER 8 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***corn*** line 2501172.
PY 1998

L7 ANSWER 9 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***maize*** line PH67A.
PY 1998

L7 ANSWER 10 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***maize*** line PH05W.
PY 1998

L7 ANSWER 11 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Hybrid ***maize*** plant and seed (3260).
PY 1998

L7 ANSWER 12 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***corn*** line PHHB.
PY 1997

L7 ANSWER 13 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***corn*** line ZS1022.
PY 1997

L7 ANSWER 14 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Hybrid ***corn*** plant and seed (3489).
PY 1996

L7 ANSWER 15 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Hybrid ***corn*** plant and seed (3189).
PY 1996

L7 ANSWER 16 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Inbred ***corn*** line PHN82.
PY 1996

L7 ANSWER 17 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Hybrid ***corn*** plant and seed.
PY 1996

L7 ANSWER 18 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI Hybrid ***corn*** plant and seed (3279).
PY 1996

L7 ANSWER 19 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

STN
TI Inbred ***corn*** line PHHB4.
PY 1995

L7 ANSWER 20 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 1
TI EVALUATION OF S-2 ***MAIZE*** LINES REPRODUCED FOR SEVERAL GENERATIONS BY RANDOM MATING WITHIN LINES II. COMPARISONS FOR TESTCROSS PERFORMANCE OF ORIGINAL AND ADVANCED S-2 AND S-8 LINES.
PY 1989

L7 ANSWER 21 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI HYBRID ***CORN*** PLANT AND SEED US PATENT-4737596. APRIL 12 1988.
PY 1988

L7 ANSWER 22 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 2
TI EVALUATION OF S-2 ***MAIZE*** LINES REPRODUCED FOR SEVERAL GENERATIONS BY RANDOM MATING WITHIN LINES I. COMPARISONS BETWEEN THE ORIGINAL AND MAINTAINED S-2 LINES.
PY 1988

L7 ANSWER 23 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 3
TI RESPONSE TO PLANT DENSITIES AND NITROGEN LEVELS FOR FOUR ***MAIZE*** CULTIVARS FROM DIFFERENT ERAS OF BREEDING.
PY 1987

=> d l7 1-5 8-23

L7 ANSWER 1 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2004:249660 BIOSIS
DN PREV200400249610
TI Inbred ***maize*** line PH581.
AU ***Carlone, Mario Rosario Jr.*** [Inventor, Reprint Author]; ***Noble, Stephen W. Jr.*** [Inventor]
CS Johnston, IA, USA
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6717037 April 06, 2004

L7 ANSWER 2 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:113195 BIOSIS
DN PREV200200113195
TI Hybrid ***maize*** plant and seed.
AU ***Carlone, Mario Rosario, Jr.*** [Inventor, Reprint author]
CS Princeton, IL, USA
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6326530 December 04, 2001

L7 ANSWER 3 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2001:352593 BIOSIS
DN PREV200100352593
TI Hybrid ***maize*** plant and seed 33P66.
AU ***Carlone, Mario Rosario*** [Inventor]
CS ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6180857 January 30, 2001

L7 ANSWER 4 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

STN
AN 2001:218311 BIOSIS
DN PREV200100218311
TI Inbred ***maize*** line PH2MW.
AU ***Carlone, Mario Rosario*** [Inventor, Reprint author]; Stucker, David Scott [Inventor]
CS Princeton, IL, USA
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6124532 September 26, 2000

L7 ANSWER 5 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2001:207537 BIOSIS
DN PREV200100207537
TI Inbred ***maize*** line PH1EM.
AU ***Noble, Stephen W.*** [Inventor, Reprint author]
CS Johnston, IA, USA
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6118056 September 12, 2000

L7 ANSWER 8 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:111223 BIOSIS
DN PREV200200111223
TI Inbred ***corn*** line 2501172.
AU ***Carlone, M.*** [Inventor]
CS Princeton, Ill., USA
ASSIGNEE: GARST SEED COMPANY
PI US 5763755 June 9, 1998

L7 ANSWER 9 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:111214 BIOSIS
DN PREV200200111214
TI Inbred ***maize*** line PH67A.
AU ***Noble, S. W., Jr.*** [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5763744 June 9, 1998

L7 ANSWER 10 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:109331 BIOSIS
DN PREV200200109331
TI Inbred ***maize*** line PH05W.
AU ***Noble, S. W., Jr.*** [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5750849 May 12, 1998

L7 ANSWER 11 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:105278 BIOSIS
DN PREV200200105278
TI Hybrid ***maize*** plant and seed (3260).
AU Barker, T. C. [Inventor]; ***Noble, S. W., Jr.*** [Inventor]
CS Princeton, Ind., USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5728921 March 17, 1998

L7 ANSWER 12 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:66261 BIOSIS

DN PREV200200066261
TI Inbred ***corn*** line PHHB.
AU ***Noble, S. W., Jr.*** [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5633427 May 27, 1997

L7 ANSWER 13 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:61496 BIOSIS
DN PREV200200061496
TI Inbred ***corn*** line ZS1022.
AU ***Carlone, M. R., Jr.*** [Inventor]
CS Granger, Iowa, USA
ASSIGNEE: ZENCO (NO. 4) LIMITED
PI US 5602314 Feb. 11, 1997

L7 ANSWER 14 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:49589 BIOSIS
DN PREV200200049589
TI Hybrid ***corn*** plant and seed (3489).
AU ***Noble, S. W., Jr.*** [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5557035 Sept. 17, 1996

L7 ANSWER 15 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:45479 BIOSIS
DN PREV200200045479
TI Hybrid ***corn*** plant and seed (3189).
AU Morrow, D. L. [Inventor]; ***Noble, S. W.*** [Inventor]
CS Garden City, Kans., USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5530180 June 25, 1996

L7 ANSWER 16 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:37326 BIOSIS
DN PREV200200037326
TI Inbred ***corn*** line PHN82.
AU ***Noble, S. W.*** [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5506368 April 9, 1996

L7 ANSWER 17 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:35095 BIOSIS
DN PREV200200035095
TI Hybrid ***corn*** plant and seed.
AU Niebur, W. S. [Inventor]; Riley, R. D. [Inventor]; ***Noble, S. W.*** [Inventor]
CS Victor, France
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5491295 Feb. 13, 1996

L7 ANSWER 18 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:35091 BIOSIS
DN PREV200200035091
TI Hybrid ***corn*** plant and seed (3279).

AU ***Noble, S. W., Jr.*** [Inventor]; Williams, N. E. [Inventor]; Stucker, D. S. [Inventor]; Segebart, R. L. [Inventor]; Keaschall, J. W. [Inventor]
CS Johnston, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5491289 Feb. 13, 1996

L7 ANSWER 19 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2002:28527 BIOSIS
DN PREV200200028527
TI Inbred ***corn*** line PHHB4.
AU ***Noble, S. W., Jr.*** [Inventor]
CS Polk County, Iowa, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI US 5444178 Aug. 22, 1995

L7 ANSWER 20 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 1
AN 1989:422472 BIOSIS
DN PREV198988080730; BA88:80730
TI EVALUATION OF S-2 ***MAIZE*** LINES REPRODUCED FOR SEVERAL GENERATIONS BY RANDOM MATING WITHIN LINES II. COMPARISONS FOR TESTCROSS PERFORMANCE OF ORIGINAL AND ADVANCED S-2 AND S-8 LINES.
AU ***CARLONE M R JR*** [Reprint author]; RUSSELL W A
CS DEP AGROMONY, IOWA STATE UNIV, AMES, IOWA 50011, USA
SO Crop Science, (1989) Vol. 29, No. 4, pp. 899-904.
CODEN: CRPSAY. ISSN: 0011-183X.

L7 ANSWER 21 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 1988:271715 BIOSIS
DN PREV198835000029; BR35:29
TI HYBRID ***CORN*** PLANT AND SEED US PATENT-4737596. APRIL 12 1988.
AU SEIFERT R [Inventor, Reprint author]; ***NOBLE S W*** [Inventor]; NIEBUR W S [Inventor]
CS DES MOINES, IOWA, USA
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC
PI US 4737596 April 12, 1988

L7 ANSWER 22 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 2
AN 1989:46872 BIOSIS
DN PREV198987022872; BA87:22872
TI EVALUATION OF S-2 ***MAIZE*** LINES REPRODUCED FOR SEVERAL GENERATIONS BY RANDOM MATING WITHIN LINES I. COMPARISONS BETWEEN THE ORIGINAL AND MAINTAINED S-2 LINES.
AU ***CARLONE M R JR*** [Reprint author]; RUSSELL W A
CS DEP AGRONOMY, IOWA STATE UNIV, AMES, IOWA 50011, USA
SO Crop Science, (1988) Vol. 28, No. 6, pp. 916-920.
CODEN: CRPSAY. ISSN: 0011-183X

L7 ANSWER 23 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 3
AN 1987:291615 BIOSIS
DN PREV198784021647; BA84:21647
TI RESPONSE TO PLANT DENSITIES AND NITROGEN LEVELS FOR FOUR ***MAIZE*** CULTIVARS FROM DIFFERENT ERAS OF BREEDING.
AU ***CARLONE M R*** [Reprint author]; RUSSELL W A
CS IOWA STATE UNIV, AMES, IOWA 50011, USA
SO Crop Science, (1987) Vol. 27, No. 3, pp. 465-470.
CODEN: CRPSAY. ISSN: 0011-183X.

```
=> file biosis

=> s ph581/ab,bi

L8              1 PH581/AB,BI

=> file agricola

=> s l8
'AB' IS NOT A VALID FIELD CODE

L9              0 PH581/AB,BI

=> file biosis

=> d l8

L8   ANSWER 1 OF 1  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2004:249660  BIOSIS
DN   PREV200400249610
TI   Inbred maize line   ***PH581***
AU   Carlone, Mario Rosario Jr. [Inventor, Reprint Author]; Noble, Stephen W.
     Jr. [Inventor]
CS   Johnston, IA, USA
     ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI   US 6717037 April 06, 2004


=> log y

STN INTERNATIONAL LOGOFF AT 19:58:08 ON 10 DEC 2004
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WEST Search History

Hide Items | Restore | Clear | Cancel

10/752,793

DATE: Friday, December 10, 2004

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=OR	
☐	L6	ph581	2
☐	L5	l3 and L4	21
☐	L4	(800/320.1).ccls.	1167
☐	L3	l1 or L2	1828
☐	L2	noble.in.	1804
☐	L1	carlone.in.	25

END OF SEARCH HISTORY

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 21 returned.

☐ 1. Document ID: US 6717037 B1

L5: Entry 1 of 21 File: USPT Apr 6, 2004

US-PAT-NO: 6717037
DOCUMENT-IDENTIFIER: US 6717037 B1

TITLE: Inbred maize line PH581

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 2. Document ID: US 6426453 B1

L5: Entry 2 of 21 File: USPT Jul 30, 2002

US-PAT-NO: 6426453
DOCUMENT-IDENTIFIER: US 6426453 B1

TITLE: Inbred corn line G3000

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 3. Document ID: US 6326530 B1

L5: Entry 3 of 21 File: USPT Dec 4, 2001

US-PAT-NO: 6326530
DOCUMENT-IDENTIFIER: US 6326530 B1
**** See image for Certificate of Correction ****

TITLE: Hybrid maize plant and seed

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 4. Document ID: US 6180857 B1

L5: Entry 4 of 21 File: USPT Jan 30, 2001

US-PAT-NO: 6180857
DOCUMENT-IDENTIFIER: US 6180857 B1
**** See image for Certificate of Correction ****

TITLE: Hybrid maize plant and seed 33P66

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 5. Document ID: US 6124533 A

L5: Entry 5 of 21 File: USPT Sep 26, 2000

US-PAT-NO: 6124533
DOCUMENT-IDENTIFIER: US 6124533 A
** See image for Certificate of Correction **

TITLE: Inbred maize line PH2N0

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 6. Document ID: US 6124532 A

L5: Entry 6 of 21 File: USPT Sep 26, 2000

US-PAT-NO: 6124532
DOCUMENT-IDENTIFIER: US 6124532 A
** See image for Certificate of Correction **

TITLE: Inbred maize line PH2MW

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 7. Document ID: US 6118056 A

L5: Entry 7 of 21 File: USPT Sep 12, 2000

US-PAT-NO: 6118056
DOCUMENT-IDENTIFIER: US 6118056 A

TITLE: Inbred maize line PH1EM

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 8. Document ID: US 5763755 A

L5: Entry 8 of 21 File: USPT Jun 9, 1998

US-PAT-NO: 5763755
DOCUMENT-IDENTIFIER: US 5763755 A

TITLE: Inbred corn line ZSO1172

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 9. Document ID: US 5763744 A

L5: Entry 9 of 21 File: USPT Jun 9, 1998

US-PAT-NO: 5763744
DOCUMENT-IDENTIFIER: US 5763744 A

TITLE: Inbred maize line PH67A

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

☐ 10. Document ID: US 5750849 A

L5: Entry 10 of 21 File: USPT May 12, 1998

US-PAT-NO: 5750849
DOCUMENT-IDENTIFIER: US 5750849 A

TITLE: Inbred maize line PH05W

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and L4	21

Display Format: TI Change Format

Previous Page Next Page Go to Doc#

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 11 through 20 of 21 returned.

☐ 11. Document ID: US 5728921 A

L5: Entry 11 of 21 File: USPT Mar 17, 1998

US-PAT-NO: 5728921
DOCUMENT-IDENTIFIER: US 5728921 A
** See image for Certificate of Correction **

TITLE: Hybrid maize plant & seed (3260)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 12. Document ID: US 5633427 A

L5: Entry 12 of 21 File: USPT May 27, 1997

US-PAT-NO: 5633427
DOCUMENT-IDENTIFIER: US 5633427 A
** See image for Certificate of Correction **

TITLE: Inbred corn line PHHB

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 13. Document ID: US 5602314 A

L5: Entry 13 of 21 File: USPT Feb 11, 1997

US-PAT-NO: 5602314
DOCUMENT-IDENTIFIER: US 5602314 A

TITLE: Inbred corn line ZS1022

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 14. Document ID: US 5557035 A

L5: Entry 14 of 21 File: USPT Sep 17, 1996

US-PAT-NO: 5557035
DOCUMENT-IDENTIFIER: US 5557035 A

TITLE: Hybrid corn plant & seed (3489)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

☐ 15. Document ID: US 5530180 A

L5: Entry 15 of 21 File: USPT Jun 25, 1996

US-PAT-NO: 5530180
DOCUMENT-IDENTIFIER: US 5530180 A

TITLE: Hybrid corn plant and seed (3189)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

☐ 16. Document ID: US 5506368 A

L5: Entry 16 of 21 File: USPT Apr 9, 1996

US-PAT-NO: 5506368
DOCUMENT-IDENTIFIER: US 5506368 A

TITLE: Inbred corn line PHN82

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

☐ 17. Document ID: US 5491295 A

L5: Entry 17 of 21 File: USPT Feb 13, 1996

US-PAT-NO: 5491295
DOCUMENT-IDENTIFIER: US 5491295 A

TITLE: Hybrid corn plant and seed

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

☐ 18. Document ID: US 5491289 A

L5: Entry 18 of 21 File: USPT Feb 13, 1996

US-PAT-NO: 5491289
DOCUMENT-IDENTIFIER: US 5491289 A

TITLE: Hybrid corn plant and seed (3279)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

☐ 19. Document ID: US 5444178 A

L5: Entry 19 of 21 File: USPT Aug 22, 1995

US-PAT-NO: 5444178
DOCUMENT-IDENTIFIER: US 5444178 A

TITLE: Inbred corn line PHHB4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 20. Document ID: US 5157206 A

L5: Entry 20 of 21 File: USPT Oct 20, 1992

US-PAT-NO: 5157206
DOCUMENT-IDENTIFIER: US 5157206 A

TITLE: Inbred corn line PHN82

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and L4	21

Display Format: TI Change Format

Previous Page Next Page Go to Doc#

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 21 through 21 of 21 returned.

☐ 21. Document ID: US 4737596 A

L5: Entry 21 of 21 File: USPT Apr 12, 1988

US-PAT-NO: 4737596
DOCUMENT-IDENTIFIER: US 4737596 A

TITLE: Hybrid corn plant and seed

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and L4	21

Display Format: TI Change Format

Previous Page Next Page Go to Doc#

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6723903 B1

L6: Entry 1 of 2 File: USPT Apr 20, 2004

US-PAT-NO: 6723903
DOCUMENT-IDENTIFIER: US 6723903 B1

filed too late by 1 day

TITLE: Inbred maize line PH6WG

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 2. Document ID: US 6717037 B1

L6: Entry 2 of 2 File: USPT Apr 6, 2004

US-PAT-NO: 6717037
DOCUMENT-IDENTIFIER: US 6717037 B1

TITLE: Inbred maize line PH581

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
ph581	2

Display Format: TI Change Format

Previous Page Next Page Go to Doc#

L6: Entry 1 of 2 File: USPT Apr 20, 2004

DOCUMENT-IDENTIFIER: US 6723903 B1
TITLE: Inbred maize line PH6WG

Detailed Description Text (196):
The results in Table 4A compare inbred PH6WG crossed to inbred PH581 and inbred PH07D crossed to PH12C. The results show the PH6WG/PH581 hybrid to demonstrate above average and significantly better yields and significantly lower harvest moisture of grain than the PH07D/PH12C hybrid. The PH6WG/PH581 hybrid presents a significantly shorter plant height and a significantly lower ear placement than the PH07D/PH12C hybrid. The PH6WG/PH581 hybrid exhibits above average resistance to stalk lodging and brittle stalk and also shows above average and significantly better resistance to early brittle stalk than the PH07D/PH12C hybrid. The PH6WG/PH581 hybrid demonstrates above average resistance to Gray Leaf Spot and Anthracnose Stalk Rot and also shows above average stay green scores.

Detailed Description Text (197):
The results in Table 4B compare inbred PH6WG crossed to inbred PH581 and inbred PHR61 crossed to PHK56. The results show the PH6WG/PH581 hybrid to demonstrate above average and significantly better yields than the PHR61/PHK56 hybrid. The PH6WG/PH581 hybrid exhibits above average and significantly better resistance to stalk lodging and late season stalk lodging than the PHR61/PHK56 hybrid. The PH6WG/PH581 hybrid also shows above average and significantly better resistance to brittle stalk than the PHR61/PHK56 hybrid. The PH6WG/PH581 hybrid demonstrates significantly better stay green scores than the PHR61/PHK56 hybrid. The PH6WG/PH581 hybrid demonstrates above average and significantly better resistance to both Gray Leaf Spot and Anthracnose Stalk Rot than the PHR61/PHK56 hybrid.

Detailed Description Text (198):
The results in Table 4C compare inbred PH6WG crossed to inbred PH581 and inbred PH05F crossed to PH2N0. The results show the PH6WG/PH581 hybrid to demonstrate above average yields. The PH6WG/PH581 hybrid exhibits above average and significantly better resistance to stalk lodging and late season stalk lodging than the PH05F/PH2N0 hybrid. The PH6WG/PH581 hybrid also shows above average and significantly better resistance to early brittle stalk than the PH05F/PH2N0 hybrid and shows above average resistance to brittle stalk. The PH6WG/PH581 hybrid demonstrates significantly better stay green scores than the PH05F/PH2N0 hybrid. The PH6WG/PH581 hybrid demonstrates above average and significantly better resistance to both Gray Leaf Spot and Anthracnose Stalk Rot than the PH05F/PH2N0 hybrid.

Detailed Description Paragraph Table (5):
TABLE 4A INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH6WG/PH581 VARIETY #2 = PH07D/PH12C PRM BU BU TST GDU GDU PLT PRM SHD ACR ACR MST WTA SHD SLK HT ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 109 108 189.9 105 101 56.2 101 100 101 2 111 112 182.9 101 109 57.3 105 106 106 LOCS 4 3 169 169 175 101 40 31 52 REPS 4 3 172 172 178 103 46 37 57 DIFF 2 3 7.1 4 8 1.1 4 6 5 PR >
T .114 .023+ .000# .000# .000# .000# .000# .000# .000# EAR ERT RT LRT STK STK STK EBT BRT HT LSC LDG LSC LDS LDG LDL STK STK % MN ABS % MN ABS ABS % MN % MN % MN % MN TOTAL SUM 1 100 7.0 93 5.8 7.2 103 111 112 105 2 110 8.0 101 7.5 7.9 103 117 98

105 LOCS 52 1 10 13 58 61 37 9 13 REPS 57 1 10 15 59 62 58 34 13 DIFF 10 1.0 8 1.7 0.8 0 7 15 0 PR > T .000# .241 .047+ .005# .999 .031+ .008# .999 ABT EGR STA DRP TST STK EST GLF NLF STK WTH GRN EAR WT CNT CNT SPT BLT % MN % MN % MN % MN ABS % MN % MN ABS ABS TOTAL SUM 1 124 100 111 100 56.2 101 100 6.1 3.9 2 117 106 126 100 57.1 101 100 6.0 5.5 LOCS 8 35 55 13 102 273 12 14 7 REPS 34 36 58 15 104 382 14 20 10 DIFF 7 6 15 0 0.9 0 0 0.1 1.6 PR > T .355 .121 .001# .999 .000# .999 .999 .655 .081* SLF STW ANT HD FUS DIP ECB ECB BLT WLT ROT SMT CLN ERS ERS 1LF 2SC ABS ABS ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 5.3 4.3 5.2 97.0 6.0 5.2 3.0 5.8 4.6 2 4.8 6.3 5.5 98.0 6.4 3.3 5.0 5.5 4.6 LOCS 2 2 14 4 2 7 3 2 4 REPS 4 4 23 7 7 9 6 3 6 DIFF 0.5 2.0 0.3 1.0 0.4 1.9 2.0 0.3 0.0 PR > T .500 .295 .205 .567 .766 .078* .339 .795 .999 HSK CVR ABS TOTAL SUM 1 6.8 2 5.1 LOCS 11 REPS 13 DIFF 1.7 PR > T .001# * = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (6):

TABLE 4B INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH6WG/PH581 VARIETY #2 = PHR61/PHK56 PRM BU BU TST GDU GDU PLT PRM SHD ACR ACR MST WTA SHD SLK HT ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 109 108 192.3 105 100 55.8 101 100 101 2 105 107 164.6 90 90 57.0 99 99 99 LOCS 4 2 113 113 116 58 27 19 34 REPS 4 2 121 121 124 64 28 20 35 DIFF 4 1 27.7 15 10 1.2 2 0 2 PR > T .001# .500 .000# .000# .000# .000# .000# .999 .032+ EAR RT LRT STK STK STK BRT ABT EGR HT LDG LSC LDS LDG LDL STK STK WTH % MN % MN ABS ABS % MN % MN % MN % MN % MN TOTAL SUM 1 101 93 6.3 7.2 102 105 105 122 100 2 95 108 8.3 6.0 99 90 93 76 106 LOCS 34 10 12 35 51 22 12 4 29 REPS 35 10 14 40 52 33 12 11 31 DIFF 6 15 2.0 1.2 3 15 12 46 6 PR > T .007# .049+ .018+ .011+ .496 .023+ .033+ .361 .143 STA DRP TST STK EST GLF NLF SLF STW GRN EAR WT CNT CNT SPT BLT BLT WLT % MN % MN ABS % MN % MN ABS ABS ABS ABS TOTAL SUM 1 105 100 55.8 101 100 6.3 3.2 6.0 4.3 2 70 100 57.6 100 100 3.6 4.0 3.0 3.8 LOCS 34 13 58 167 9 10 3 1 2 REPS 38 15 64 206 10 13 4 2 4 DIFF 35 0 1.7 0 1 2.7 0.8 3.0 0.5 PR > T .000# .999 .000# .999 .512 .000# .630 .000# ANT HD FUS DIP ECB HSK ROT SMT CLN ERS ERS 1LF CVR ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 5.3 99.4 8.0 5.5 3.0 6.0 6.7 2 3.0 99.4 3.7 4.3 2.5 5.0 6.0 LOCS 6 2 1 4 1 1 3 REPS 10 4 3 5 2 1 3 DIFF 2.3 0.0 4.3 1.3 0.5 1.0 0.7 PR > T .015+ .999 .141 .184 * = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (7):

TABLE 4C INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH6WG/PH581 VARIETY #2 = PH05F/PH2N0 PRM BU BU TST GDU GDU PLT PRM SHD ACR ACR MST WTA SHD SLK HT ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 108 108 179.7 105 100 56.1 101 100 101 2 108 108 180.6 105 99 57.4 101 101 101 LOCS 8 2 224 224 231 152 45 41 65 REPS 8 2 247 247 256 161 56 51 79 DIFF 0 0 0.8 0 1 1.3 0 1 0 PR > T .999 .999 .561 .999 .147 .000# .999 .000# .999 EAR ERT RT LRT STK STK STK EBT BRT HT LSC LDG LSC LDS LDG LDL STK STK % MN ABS % MN ABS ABS % MN % MN % MN % MN TOTAL SUM 1 101 5.5 97 6.0 7.4 102 117 111 104 2 97 6.0 99 5.2 6.2 96 103 98 101 LOCS 65 2 18 14 92 70 45 10 5 REPS 79 2 18 16 99 71 75 36 5 DIFF 3 0.5 2 0.8 1.2 6 14 14 4 PR > T .002# .795 .522 .364 .000# .016+ .014+ .010+ .080* ABT EGR STA DRP TST STK EST GLF NLF STK WTH GRN EAR WT CNT CNT SPT BLT % MN % MN % MN % MN ABS % MN % MN ABS ABS TOTAL SUM 1 122 102 110 100 56.1 101 103 5.8 3.8 2 90 105 101 100 57.4 101 97 4.6 4.0 LOCS 10 39 71 11 153 361 8 18 9 REPS 52 42 85 13 162 544 11 27 14 DIFF 32 3 9 0 1.3 1 5 13 0.2 PR > T .006# .330 .038+ .999 .000# .245 .039+ .000# .569 SLF STW ANT HD FUS DIP COM ECB BLT WLT ROT SMT CLN ERS ERS RST 1LF ABS ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 5.0 4.3 5.4 98.0 5.2 5.6 3.2 6.0 6.0 2 4.7 5.3 4.2 93.5 5.3 4.0 4.1 5.3 5.8 LOCS 3 2 22 6 3 8 5 4 3 REPS 6 4 36 11 11 13 10 4 5 DIFF 0.3 1.0 1.2 4.5 0.2 1.5 0.9 0.8 0.2 PR > T .423 .000# .000# .278 .423 .001# .021+ .058* .423 ECB HSK SWB 2SC CVR PGR ABS ABS ABS TOTAL SUM 1 5.3 6.8 17.6 2 4.7 4.6 29.4 LOCS 6 19 1 REPS 10 24 1 DIFF 0.7 2.2 11.8 PR > T .249 .000# * = 10% SIG + = 5% SIG # = 1% SIG

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